

WHAT IS CLAIMED IS:

1. A heat-dissipating fan comprising:
a casing having an air outlet;
a base mounted in the air outlet, an impeller being adapted to be
5 mounted on the base and having a plurality of blades; and
a plurality of guiding plates mounted in the air outlet of the casing, the
guiding plates being aligned along a predetermined direction and extending in
a direction having an inclining angle with an axial direction of the air outlet,
the guiding plates guiding airflow passing through the air outlet and
10 increasing wind pressure of the airflow when the impeller turns.
2. The heat-dissipating fan as claimed in claim 1, wherein the guiding
plates are parallel to one another.
3. The heat-dissipating fan as claimed in claim 1, wherein the casing
further includes a side outlet in a peripheral wall thereof and communicated
15 with the air outlet, thereby guiding the airflow out of the casing in a smoother
manner.
4. The heat-dissipating fan as claimed in claim 1, wherein the guiding
plates are one of rectilinear, arcuate, and V-shaped.
5. The heat-dissipating fan as claimed in claim 1, wherein each said
20 guiding plate having an end adjacent to the air inlet side, the end of each said
guiding plate having an arcuate guiding portion.
6. The heat-dissipating fan as claimed in claim 1, wherein each said

guiding plate having an end adjacent to the air outlet side, the end of each said guiding plate having an arcuate guiding portion.

7. The heat-dissipating fan as claimed in claim 1, wherein each said guiding plate has a triangular section.

5 8. The heat-dissipating fan as claimed in claim 1, wherein the inclining angles of the guiding plates are identical to one another.

9. The heat-dissipating fan as claimed in claim 1, wherein the inclining angles of the guiding plates are different from one another.

10 10. The heat-dissipating fan as claimed in claim 1, wherein the base is supported by some of the guiding plates connected between the base and the casing.